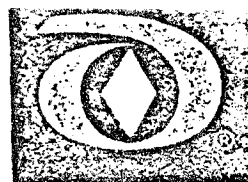


# Diamond Shamrock

## Material Safety Data Sheet



Product Name: POTASSIUM BICHROMATE

CHEMICAL NAME	Potassium Bichromate	EMERGENCY PHONE NO.
SYNONYMS	Potassium Bichromate Crystal	DATE FORM ISSUED
FORMULA	$K_2Cr_2O_7$	

### I. HAZARDOUS INGREDIENTS

MATERIAL	TLV(UNITS)	%	MATERIAL	TLV (UNITS)	%
CrO <sub>3</sub>	0.1 mg/m <sup>3</sup>				

### II. PHYSICAL DATA

BOILING POINT 60 mm Hg	Not Applicable	FREEZING POINT	Not Applicable
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	2.68 @ 25°C	VAPOR PRESSURE AT 20°C	Not applicable
POR DENSITY (AIR = 1)	Not applicable	SOLUBILITY IN WATER % BY WT. AT 20°C	Moderate
PERCENT VOLATILES BY VOLUME	None	EVAPORATION RATE (BUTYL ACETATE =1)	Not applicable
APPEARANCE	Bright Orange-Red Crystals	ODOR	None

### III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD)	Not applicable	FLAMMABLE LIMITS IN AIR (% BY VOLUME)	Upper Not applicable
AUTOIGNITION TEMPERATURE	Is Not Combustible		Lower Not applicable
EXTINGUISHING MEDIA	POTASSIUM BICHROMATE is not combustible. Water, CO <sub>2</sub> or dry chemical fire fighting agents are all safe to use on fires in areas where this material is stored.		
SPECIAL FIREFIGHTING PROCEDURES	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Potassium Bichromate is not combustible, however in the presence of strong acids it may ignite oxidizable substances.		

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the suitability for his own use of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Diamond Shamrock Corporation as to the effects of such use or the results to be obtained, nor does Diamond Shamrock Corporation assume any liability arising out of use, by others, of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.

DIAMOND SHAMROCK CORPORATION

BOE-C6-0227526